



**Environmental
Protection
Agency**

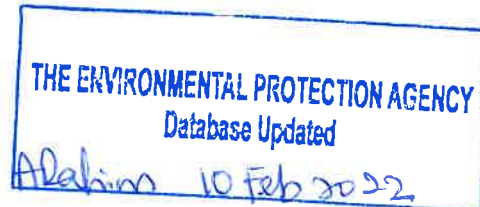
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Environmental Permit

Issued under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

Reference No.:	20210510-TCCHP
Fees:	Medium (C2) US\$2500 Five (5) years (i.e., US\$500 per year)
Fees Paid:	US\$ 2500 (January 2022 to December 2026)

Addressee(s): Mr. Terrence Campbell
Camex Broiler Breeders Inc.
125 'C' Barrack St Kingston
Georgetown.



Activity: Construction and operation of a Poultry Farm, Hatchery & poultry processing plant

Camex Broiler Breeders Inc., hereinafter referred to as the "Permit Holder", is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to construct and operate a Poultry Farm, Hatchery & poultry processing plant, located at Lot C1 Plantation Pearl, East Bank Demerara, hereinafter referred to as the "Project", in a manner indicated in the Application submitted on May 10, 2021, subject to the terms and conditions set forth herein under the Environmental Protection Act, existing and/or forthcoming regulations made under the said Act, and/or any other applicable laws, best practices, guidelines and standards relevant to this project.

Terms and Conditions for Operation to be adhered to by the Permit Holder, His Servants, Agents and/or Sub-Contractors:

1.0 GENERAL AND CONSTRUCTION PHASE

- 1.1 Make an application to the Agency to vary this Environmental Permit in instances where it becomes necessary to:
 - i. change the construction, operation, structure, or layout of the facility and all associated buildings;

- ii. change equipment, machine, apparatus, mechanism, system or technology serving the facility;
 - iii. change the position and design of any outlet at the point or points of discharge of effluents; or effect any other change outlined in Regulation 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Conduct all construction activities in accordance with measures outlined in project summary, unless otherwise stated by the Environmental Protection Agency (EPA).
 - 1.3 Utilise the land in accordance with the plan submitted to the Agency. All specifications of location, pathways, reserve and boundary lines must be adhered to, unless otherwise authorised.
 - 1.4 Where applicable and relevant employees must be equipped with and trained in the use of Personal Protective Equipment (PPE) in accordance with job specification. Examples of protective equipment include but not limited to: protective headwear, respirators, ear protection, safety vests, and safety boots.
 - 1.5 Avoid road traffic hazards or unnecessary inconveniences to the general public through appropriate planning and management of the construction site.
 - 1.6 All construction tools, equipment, and machinery must be promptly removed from site upon completion of construction activities.
 - 1.7 All construction waste must be removed from site soon as possible and/or upon completion of construction activities.
 - 1.8 Ensure all vehicles utilised for the transport of construction material to and from site must be appropriately covered to minimise the risk of dust emissions to the environment.

OPERATION PHASE

2.0 POULTRY REARING FACILITY

- 2.1 A foot bath containing a disinfectant must be maintained at the entrance of each poultry house and its use must be mandatory before entrance into pens. Unauthorised persons should be prohibited from entering pens.
- 2.2 Poultry birds **must** be reared in an “**all-in all-out system**”.
- 2.3 Poultry bedding materials must be kept as dry as practicable during the growing cycle of birds. Additional bedding materials should be placed in areas of pens that become excessively moist in an effort to minimize the release of ammonia to the environment.

- 2.4 Bedding materials should be change after the rearing of each batch of birds is completed
- 2.5 Dead birds must be immediately removed from pens and disposed of by burial at the designated location identified off-site of facility as outlined in project summary.
- 2.6 Upon the completion of each batch of birds, the pens should be cleaned and disinfected before the commencement of another batch. Waste should be removed by scraping instead of flushing with water.
- 2.7 All manure removed from pens should be placed in bags and transported to composting facility located off-site as outlined in project summary.
- 2.8 All effluent generated from the disinfection of pens should be channeled to waste water treatment facility.
- 2.9 **All employees** working in this section must be equipped with, and trained in the proper use of personal protective equipment, according to their job specification. PPEs used must be certified for use in Guyana by the Guyana National Bureau of Standards (GNBS).

3.0 HATCHERY FACILITY

- 3.1 Upon the completion of each hatching cycle- all solid wastes; including unhatched eggs, egg shells, packaging materials, bedding materials, and dead hatchlings- should be promptly removed from site and disposed of at designate composting facility as outlined in project summary.
- 3.2 All effluent generated from the cleaning and disinfection of hatchery should be appropriately treated before final discharge.

4.0 POULTRY PROCESSING FACILITY

- 4.1 The temporary holding area for birds before slaughter should be cleaned and disinfected immediately after use.
- 4.2 Birds should be processed in accordance with measures and procedures outlined in your project summary
- 4.3 All solid waste generated from the processing facility should be collected daily and disposed of in accordance with measures outlined in your project summary.
- 4.4 All effluent generated from the cleaning and disinfection of hatchery should be

appropriately treated before final discharge.

5.0 WATER QUALITY MANAGEMENT

- 5.1 Comply with the provisions of the **Environmental Protection (Water Quality) Regulations, 2000.**
- 5.2 **Submit an Effluent Management Plan (EMP) to the Agency for approval within 60 days of issuance of this Permit.** EMP should identify feasible and cost-effective measures to treat **ALL** effluent streams expected to be generated from project, to acceptable limits, before final discharge to the environment.
- 5.3 **All Effluent discharged** into the environment should be in accordance with the Guyana National Bureau of Standards Interim Guidelines for Industrial Effluent Discharge into the Environment. The limits below should not be exceeded:
- Temperature (<40°C);
 - pH (5.0-9.0);
 - Total Suspended Solids (TSS <50 mg/l);
 - Biological Oxygen Demand (BOD <50 mg/l);
 - Chemical Oxygen Demand (COD <250 mg/l)
 - Oil and Grease (< 10 mg/l); and
 - Total N (N as NH₃) (<10 mg/l)

Further, monitor the parameters on a bi-annual basis (once in the rainy season and once in the dry season) and submit the results as part of your Environmental Annual Report.

- 5.4 The discharge of solid wastes and/or trade effluent directly into waterways is strictly prohibited.

6.0 WASTE MANAGEMENT

- 6.1 Comply with the provisions of the **Environmental Protection (Litter Enforcement) Regulations, 2013**, where applicable.
- 6.2 Maintain good housekeeping, sanitary, hygienic practices, and the aesthetic quality of your surroundings at all times.
- 6.3 Ensure effective management of recoverable materials and all waste generated by the project.
- 6.4 Promote proper solid waste management practices at Project site. Covered garbage receptacles must be placed at strategic locations, both in and outside of the operation. Domestic waste should be separated and collected in these receptacles

and disposed of at Haags Bosch Landfill Site. Reuse, recycle and/ or compost waste materials as far as practical.

- 6.5 Maintain a septic tank system at all times which should be accessible for cleaning and de-sludging. Any modification to the septic tank(s) must be in accordance with the Guyana National Bureau of Standards (GNBS) *Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems*.

7.0 HAZARDOUS MATERIALS/WASTES MANAGEMENT

- 7.1 Comply with the provisions of the **Environmental Protection (Hazardous Waste Management) Regulations, 2000**.
- 7.2 Waste oils should be stored in tightly covered drums or barrels to avoid spillage. Do not discharge or cause to be disposed any fuel/lubricants including waste oils of any quantity from equipment onto the ground, in drains or water ways.
- 7.3 Promote the reuse of waste oil, for example, as lubricant for equipment, where practical.
- 7.4 Waste oils, used batteries, oily rags, filters and oil containers must be appropriately labelled, and stored in a containment bund with an impervious surface until such time for reuse or sale to an authorised dealer.
- 7.5 Ensure that an appropriate spill containment kit is located onsite. The kit should contain absorbent materials to absorb spilt oil and/or other liquids.

8.0 AIR QUALITY AND NOISE MANAGEMENT

- 8.1 Comply with the provisions of the **Environmental Protection (Air Quality) Regulations, 2000 and the Environmental Protection (Noise Management) Regulations, 2000**.
- 8.2 Comply with the Guyana National Bureau of Standards (GNBS) Guidelines for noise emission into the environment, not exceeding the limits below at a distance of 15m (50 ft) from the source or property boundary, whichever is closer.

- **Industrial Limits 100 dB** (Day-time (06:00 h - 18:00 h))

- 8.3 Ensure all significant noise-producing equipment, e.g., generator(s), , etc. are equipped with appropriate silencers or mufflers and/or are enclosed in suitable acoustic enclosures where necessary to reduce noise levels impacting the surrounding environment to achieve compliance with *Guyana National Bureau of Standards* (GNBS) requirement.

- 8.4 Ensure all equipment and machinery are placed on foundations that are properly designed to ensure effective damping of vibrations.

9.0 COMPLIANCE MONITORING AND REPORTING

- 9.1 Comply with any lawful directions given by the EPA from time-to-time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.
- 9.2 Monitor the implementation of the conditions of this Environmental Permit (Renewed), insofar as they involve adherence by your employees and all third parties under your direction.
- 9.3 Submit to the EPA, the **Environmental Annual Reports** on the status of the project, progress of the implementation of the monitoring activities and compliance with the conditions contained herein by **March 31** every year (Please see attached, the *Guidelines for the preparation of Environmental Annual Reports*).
- 9.4 Conform to all terms and conditions under which this Environmental Permit (Renewed) is granted and shall be liable for any loss or damage which arises from the project as a result of the Permit Holder's activities or breach of any term or condition of this Permit.
- 9.5 Inform the Agency prior to or **within thirty (30) days** of any change of name or ownership of the operation.
- 9.6 Notify the Agency **within twenty-one (21) days** in event of death, bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 9.7 Notify the EPA **within one (1) hour** of the occurrence of any environmental emergencies such as a sudden onset disaster, accident, natural, technological or human induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood.
- 9.8 Report to the Agency any non-compliance(s) with this Environmental Permit within twenty-four (24) hours of the time the Holder of the Environmental Permit becomes aware of the non-compliance outlining the anticipated manner in which human health or the environment may be impacted.
- 9.9 Within seventy-two (72) hours of the time the Holder of the Environmental Permit becomes aware of the non-compliance, submit to the Agency a written report containing a description of the non-compliance, its cause, the period of non-compliance including exact dates and time and the anticipated time it is expected to continue if the non-compliance(s) has not been corrected.

10.0 INSTITUTIONAL AUTHORITY/LIABILITIES

- 10.1 The EPA reserves the right to conduct regular inspections of the Permit Holder's operation as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection Regulations, 2000.
- 10.2 The EPA reserves the right to review and/or amend the conditions and fees attached to this Permit, which also includes the review and/or amendment of Permit Fees in consideration of any changes in fee structure as determined by the Agency for projects of this nature.
- 10.3 The EPA shall have the right to cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 10.4 The Permit Holder shall, at all times, allow entry to the Permitted facility to any Officer designated by the EPA for the purposes of conducting inspections or any other legitimate business of the Agency.
- 10.5 The Permit Holders, his Servants, Agents and/or Sub-Contractors while executing the activities attributable to the project shall:
 - a. be liable for any material environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana;
 - b. be liable for any serious environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana;
 - c. be liable for discharging, causing or permitting the entry into the environment, of any contaminant in any amount, concentration or level excess of that prescribed by the regulations or stipulated by this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana;
 - d. be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 8.5.c of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana;
 - e. not be indemnified by the Agency for any activity that causes or is likely to cause pollution to the environment, resulting from adverse effects through the discharge, any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be


rendered liable to prosecution and to penalties prescribed under the Environmental Protection Act and Regulations;

- f. be liable for any gross negligence or willful misconduct caused by the Permit Holder, his Servants and/or Agents, to the environment, biodiversity, protected species and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants; and
 - g. be liable for the cost of any independent investigation into any discharge caused.
- 10.6 Should the Permit Holder contravene or be likely to contravene any condition of this Permit, the Agency (EPA) may serve on him an Enforcement Notice in accordance with Section 26 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 10.7 Where it appears to the Agency that the Permit Holder is engaged in any activity that may pose a serious threat to natural resources or the environment, or a risk of serious pollution of the environment or any damage to public health, the EPA may issue to the Permit Holder a Prohibition Notice, which may order him to immediately cease the offending activity, in accordance with Section 27 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 10.8 All relevant permissions must be obtained and maintained from other regulatory bodies for continued operation.
- 10.9 All relevant permissions, approvals and supporting documentations must be obtained from other regulatory bodies for continued operation, and subsequently maintained.
- 10.10 This Environmental Permit is effective for the period stipulated herein **January 2022 to December 2026**. This Environmental Permit shall remain valid until **December 31, 2026**, unless otherwise varied, modified, cancelled or suspended in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana and the Environmental Protection (Authorisations) Regulations, 2000.
- 10.11 This Permit must be renewed by submitting a completed *Application Form for Renewal of Environmental Authorisation* to the Agency at least six months before this Permit expires, that is, no later than **June 01, 2026**.
- 10.12 Any submission of renewal application after the specified date as stated above, the Agency may require the Permit Holder to pay, in addition to renewal fee, a late penalty fee (accruing at the time such obligation was first owed for renewal) at a rate of **two thousand dollars (GY\$2000.00) per business day** for every day late, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.

Environmental Permit - Ref. No.: 20210510-TCCHP


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- 10.13 Failure to comply with the requirements of this Permit shall render the Permit Holder liable to prosecution and to civil penalties and/or injunctive reliefs prescribed under the Environmental Protection Act, Cap. 20:05, Laws of Guyana and its regulations, including under any existing and forthcoming regulations made under the said Act or any other applicable Laws of Guyana.

Signed by  on behalf of the Environmental Protection Agency.
Kemraj Parsram
Executive Director

Date 14.1.2022

I hereby accept the above Terms and Conditions upon which this Environmental Permit (Renewed) is granted and agree to abide by the Environmental Protection Act, Cap.20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, the Environmental Protection Regulations, 2000, and any forthcoming regulations, guidelines, best practices and standards made under this Act and relevant to this project.

NAME	GEORGE REID For: TERRENCE CAMPBELL
DESIGNATION	COURIER
SIGNATURE	
DATE	2022-01-19

